

So, current logic studies, including relevance logic or any other substructural/paraconsistent logics, are inadequate.

The following analyses could provide the foundation for a better scientific logic.

It is NOT a trivial issue. So, humans will never have the Theory of Everything. The logic in Prof. Gerard't Hooft's article Free Will in the Theory of Everything is wrong.

3) Thus, physical sciences, life sciences, intelligence sciences need very different reference systems. Humans should not stop at the reference system theory of general relativity.

4) These different reference systems need very different logic frameworks. There are paradigm shifts across these different reference systems related to logic frameworks. So, people should be specific about what exactly these paradigm shifts are in various situations.

Freeman Dyson
Gerard't Hooft

Gerard't Hooft Gerard't Hooft

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paradigm shift

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Gerard't Hooft God's computer

AGI

□ □

1 motif

Ich will dem Schicksal in den Rachen greifen

UK

Human Brain project
BRAIN Initiative mirror
neuron AGI

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paradigm
shift

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the selfish gene the selfish gene

the selfish gene Richard Dawkins Alfred Wallace Charles Darwin

paradigm shift AGI

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Jesuit reduction

"If I gave an AI ... every single test that you can possibly imagine, you make that list of tests and put it in front of the computer science industry, and I'm guessing in five years time, we'll do well on every single one,"

billion-dollar

inconsistency O.J.Simpson

inconsistency

Hibert Space Word-embedded vector space Universal Approximation Theorem

1990 年，日本科学家首次提出“意识上传”的概念，即通过扫描和复制人的大脑神经活动，将意识上传到计算机中，实现意识的数字化和永生。

这一概念在科学界引起了广泛讨论。支持者认为，意识上传可以实现意识的永生，避免衰老和死亡，并可能解决一些伦理问题。反对者则认为，意识上传可能涉及身份认同、隐私和伦理问题，且目前技术尚不成熟。

随着人工智能和神经科学的发展，意识上传的概念逐渐从科幻走向现实。目前，一些科学家正在探索通过扫描和复制大脑神经网络来实现意识上传的可能性。

在这一领域，一些重要的项目正在推进，如“Human Brain project”和“BRAIN Initiative”。此外，一些科学家还提出了“mirror neuron”（镜像神经元）的概念，认为这可能是实现意识上传的关键。